Name: _____   Date: _____

Check if Relation is a Function (12 pts classwork, version 16)

1. A relation is expressed as a list of (x, y) ordered pairs.

$$(8, 9) \quad (4, 3) \quad (4, 5) \quad (1, 8) \quad (3, 8) \quad (8, 4) \quad (6, 5)$$

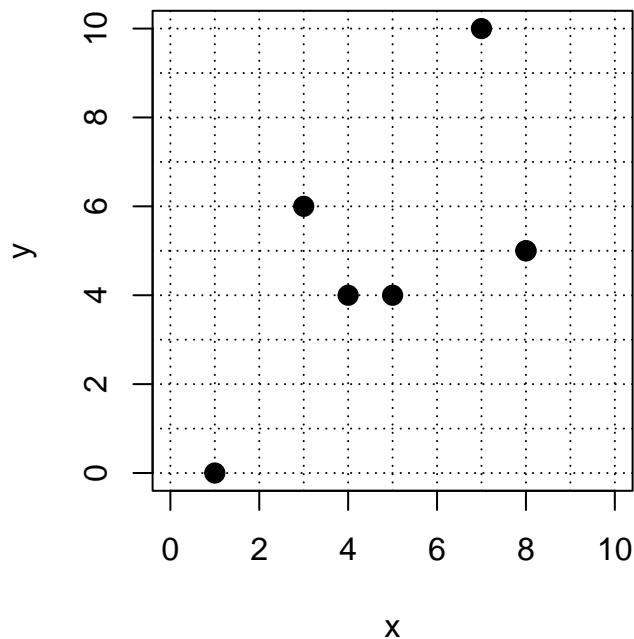- Is y a function of x? Why or why not?

no

- Is x a function of y? Why or why not?

no

- One-to-one function? Why or why not?

no

2. A relation is shown as points on a graph.

- Is y a function of x? Why or why not?

yes

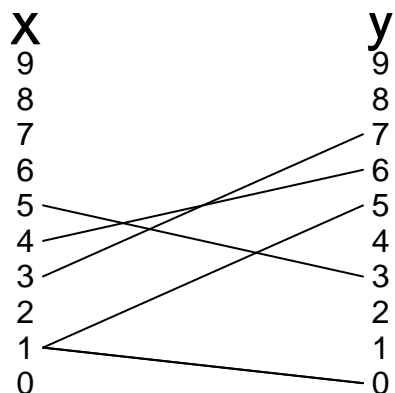- Is x a function of y? Why or why not?

no

- One-to-one function? Why or why not?

no

1

Check if Relation is a Function (version 16)

3. A relation is shown with segments connecting elements of two sets.
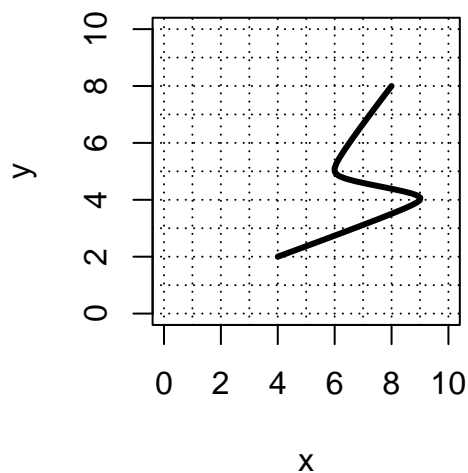

- Is y a function of x? Why or why not?

no

- Is x a function of y? Why or why not?

yes

- One-to-one function? Why or why not?

no

4. A relation is shown as a curve plotted on an x, y plane.

- Is y a function of x? Why or why not?

no

- Is x a function of y? Why or why not?

yes

- One-to-one function? Why or why not?

no